

SECRET

214-63

ADM-3

12 FEB 1968

MEMORANDUM FOR : Director of Personnel

SUBJECT : Recruitment Request

1. The Research and Development Division, Office of ELINT, has a requirement for a Scientific Officer (EE or IO/PS) to advise the Division Chief on new techniques and devices applicable to SIGINT collection and analysis. The candidate will be slotted against position 0065 in the OEL staffing complement.

2. Duties will be to maintain knowledge of advances in the state-of-the-art in fields applicable to the interception and analysis for intelligence purposes of foreign radiations in the electromagnetic spectrum. Problems include improvements in methods of search, pick-up, amplification, detection and analysis in various parts of the spectrum from VLF to microwaves. Incumbent will recommend innovations for development and provide technical supervision for approved research projects of an advanced nature. He will evaluate proposals for innovations received by OEL from other sources.

3. Desired qualifications include:

- a. Masters Degree (or higher) in Physics or Electronics Engineering.
- b. Experience in electronic (preferably counter-measures) systems design, involving as many as possible of the following:
 - (1) Weak signal amplification and detection.
 - (2) Advanced knowledge of radio wave propagation.
 - (3) Antenna design.
 - (4) Complex modulation methods.
 - (5) Application of advanced techniques to signal analysis, including computer methods.

GROUP 1
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downgrading and
declassification

- c. Ability at self-expression, both written and oral, so as to facilitate discussion of technical matters
 - (1) With scientists and engineers at an advanced level, and
 - (2) With non-specialists.
 - d. Experience with technique studies and equipment developments by contractual procedures.
4. Grade up to GS-15, commensurate with qualifications.

25X1A


Executive Assistant
Deputy Director
(Research)

Distribution:

Orig & 1 - Addressee

1 - AD/OEL

2 - EA/DDR

2 - RDD/OEL

1 - DDR Registry

RDD/OEL/DDR:  6941

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